

FIG. 1

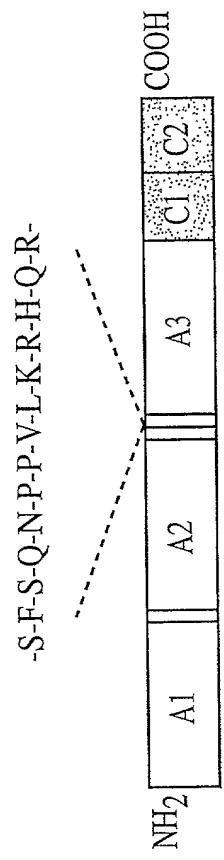


FIG. 2

134 142 280 307 412 427

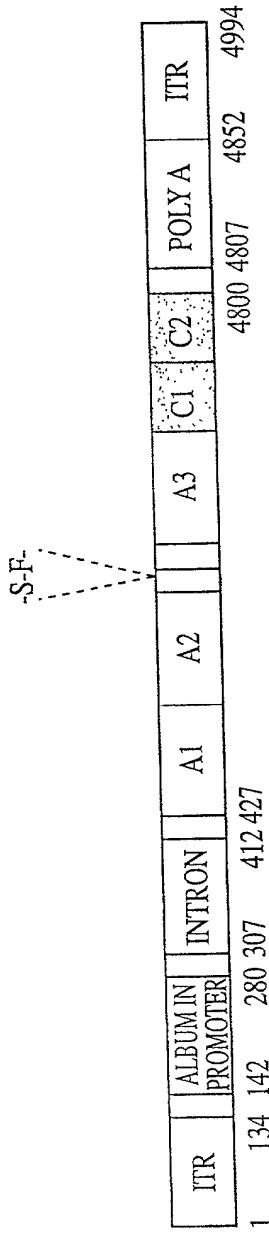


FIG. 3

16 145 159 287 413 4786 4793 4840 4849 4978

-S-F-S-Q-N-P-P-V-L-K-R-H-Q-R-

ITR	EFI	PROMOTER	A1	A2	A3	C1	C2	POLY A	ITR
16	145	159	287	413	4786	4793	4840	4849	4978

FIG. 4

FIG. 5A  
FIG. 5B  
FIG. 5C  
FIG. 5D

## FIG. 5

CAGCTGCGCGCTCGCTCGCTACTGAGGCCGCCGGCAAAGCCGGCGTGGCGACCTTGGTCGCCCGGCTCAGT  
GAGCGAGCGAGCGCGAGAGAGGGAGTGGCAACTCCATCACTAGGGGTTCTGCAGGCCGCCAGGAATGTTGTTCTT  
AAATACCATCCAGGAATGTTGTTCTAAATACCATCCAGGAATGTTGTTCTAAATACCATCTACAGTTATTGGTT  
AAAGAAGTATATTAGAGCGAGTCTTCTGCACACAGATCACCTTCCGGTGCGCCCTAGGCAGGTAAAGGCCGTGTG  
TGGTCCCGGGCCTGGCTCTTACGGTTATGGCCCTTGCCTGAATTACTGACACTGACATCCACTTTTCT  
TTTCTCACAGGTATCGATTCCACCATGCAAATAGAGCTCTCACCTGCTTCTTCTGTGCCTTGCATTCTGCTT  
AGTGCACCAGAAGATACTACCTGGGTGCAGTGAATGTCATGGACTATATGCAAAGTGTACCTCGGTGAGCTGCCGT  
GGACGCAAGATTCCCTCTAGAGTGCCTAAATCTTCCATTCAACACCTCAGTCGTGACAAAAGACTCTGTTGTAG  
AATTACGGATCACCTTCAACATCGCTAACAGGCCACCCCTGGATGGGTCTGCTAGGTCTACCACCCAGGCTGAG  
GTTATGATACTGGTCATTACACTTAAGAACATGGCTCCATCCTGTCAGTCTCATGCTGTTGGTATCCTACTG  
GAAAGCTCTGAGGGAGCTGAATATGATGATCAGACAGTCAAAGGGAGAAAGAAGATGATAAAGTCTCCCTGGGAA  
GCCATACATATGTCGGCAGGTCTGAAAGAGAAATGGTCAAATGGCTCTGACCCACTGTGCCTTACCTACTCATATCTT  
TCTCATGTCGGACCTGGTAAAGACTTGAATTCAAGGCTCATTGGAGCCCTACTAGTATGTTAGAGAAGGGAGTCTGGCAA  
GGAAAAGACACAGACCTTCACAAATTATACTACTTTGCTGTATTGATGAAGGGAAAGTGGCACTCAGAAACAA  
AGAACTCCTGATGTCAGGATAGGGATGCTGCATCTGCTCGGGCTGGCTAAATGCACACAGTCATGGTTATGTAAC  
AGGTCTCTGCCAGGTCTGATTGGATGCCACAGGAATCAGTCTATTGGCATGTTGAAATGGGACCAACTCCTGAAGT  
GCACTCAATATTCCCTCGAAGGTACACATTTCTGTGAGGAACCATGCCAGCGTCTGGAAATCTGCCAATAACTT  
TCCTTACTGCTCAAACACTCTGATGGACCTGGACAGTTCTACTGTTGTCATATCTCTCCCACCAACATGATGGC  
ATGGAAGCTTATGTCAGACTAGACAGTCAGAGGAACCCAACTACGAATGAAAATAATGAAGAAGCGGAAGACTA  
TGATGATGATCTTACTGATTGAAATGGATGTTGTCAGGTTGATGATGACAACCTCTCTTATCCAAATTGCT  
CAGTGCCAAGAACGATCCTAAACTGGTACATTACATGCTGCTGAAGAGGAGACTGGACTATGCTCCCTTAGTC  
CTCGCCCCGATGACAGAAAGTTATAAAAGTCATATTGAAACATGGCCTCAGCGGATTGGTAGGAAGTACAAAAGT  
CCGATTATGGCATAACACAGATGAAACCTTAAAGACTCGTGAAGCTATTCAAGGATCTGCTACAAAGAATCTGGGACCTTAC  
TTTATGGGAAGTTGGAGACACACTGTTGATTATTTAAGAATCAAGCAAGCAGACCATATAACATCTACCTCACCGA  
ATCACTGATGTCGTCCTTGATTCAAGGAGATTACAAAAGGTGAAACATTGAAGGATTTCACATTGCAAG  
AGAAAATATTCAAATATAAGGACAGTGAATGAGAGATCTAGCTCAGGACTATTGCCCTCTCCTCATCTGCTACAAAGAATCTGTA  
GATCAAAGAGGAACCAAGATAATGTCAGACAAGAGGAATGTCATCCTGTTCTGTTGATGAGAACCGAAGCTGGTA  
CCTCACAGAGAATATAACGCTTCTCCCAATCCAGCTGGAGTGCAGCTGAGGATCCAGAGTTCCAAGCCTCCAACA  
TCATGCACAGCATCAATGGCTATGTTGATAGTTGCAGTTGTCAGTTGTCATGAGGTGGCATACTGGTACATT  
CTAAGCATTGGAGCACAGACTGACTCCTTCTGTCTTCTGGATATACTTCAAACACAAAATGGTCTATGAAGA

## FIG. 5A

CACACTCACCTATTCCATTCTCAGGAGAAACTGTCTCATGTCATGGAAAACCCAGGTCTATGGATTCTGGGTGCC  
ACAACCTCAGACTTCGGAACAGAGGCATGACCGCCTACTGAAGGTTCTAGTTGTACAAGAACACTGGTATTATTAC  
GAGGACAGTTATGAAGATATTTCAGCATACTTGCTGAGTAAAACAATGCCATTGAACCAAGAAGCTTCGAATAACTCG  
TACTACTCTCAGTCAGATCAAGAGGAATTGACTATGATGATACCATATCAGTTGAAATGAAGAAGGAAGATTTGACA  
TTTATGATGAGGATGAAATCAGAGCCCCCAGCTTCAAAAGAAAACACGACACTATTTATTGCTGCAGTGGAGAGG  
CTCTGGGATTATGGATGAGTAGCTCCCCACATGTTCTAAGAACAGGGCTCAGAGTGGCAGTGTCCCTCAGTTCAAGAA  
AGTTGTTTCCAGGAATTACTGATGGCTCCTTACTCAGCCTTATACCGTGGAGAACTAAATGAACATTGGACTCC  
TGGGCCATATATAAGAGCAGAAGTGAAGATAATATCATGTTAACCTTCAGAAATCAGGCCCTCGTCCCTATTCCCTC  
TATTCTAGCCTTATTCTATGAGGAAGATCAGAGGCAAGGAGCAGAACCTAGAAAAAACTTTGTCAAGCCTAATGAAAC  
CAAAACTTACTTTGGAAAGTGCAACATCATATGGCACCCACTAAAGATGAGTTGACTGCAAAGCCTGGCTTATTCT  
CTGATGTTGACCTGGAAAAGATGTGACTCAGGCCCTGATTGGACCCCTCTGGTCTGCCACACTAACACACTGAACCT  
GCTCATGGGAGACAAGTGACAGTACAGGAATTGCTCTGTTTACCATCTTGATGAGACCAAAAGCTGGTACTTCAC  
TGAAAATATGGAAAGAAACTGCAGGGCTCCCTGCAATATCCAGATGGAAGATCCCACCTTTAAAGAGAATTATCGCTTCC  
ATGCAATCAATGGCTACATAATGGATACACTACCTGGTTAGTAATGGCTCAGGATCAAAGGATTGATGGTATCTGTC  
AGCATGGGCAGCAATGAAAACATCCATTCTATTCACTTCAGTGGACATGTGTTCACTGTACGAAAAAAAGAGGAGTATAA  
AATGGCACTGTACAATCTCATCCAGGTGTTTGAGACAGTGGAAATGTTACCATCCAAAGCTGGAAATTGGCGGGTGG  
AATGCCCTATTGGCGAGCATCTACATGCTGGATGAGCACACTTTCTGGTGTACAGCAATAAGTGTCAAGACTCCCTG  
GGAATGGCTTCTGGACACATTAGAGATTTCAGATTACAGCTTCAGGACAATATGGACAGTGGGCCAAAGCTGGCCAG  
ACTTCATTATTCCGGATCAATCAATGCCCTGGAGCACCAAGGAGCCCTTCTGGATCAAGGTGGATCTGGCACCAA  
TGATTATTCAAGGCATCAAGACCCAGGGTGCCCGTCAGAAGTTCTCCAGCCTCTACATCTCAGTTATCATCATGTAT  
AGCTTGATGGAAGAAGTGGCAGACTTATCAGGAAATTCCACTGGAACCTTAATGGTCTCTTGGCAATGTGGATTC  
ATCTGGGATAAAACACAATATTTAACCCCTCCAATTATTGCTCGATACATCCGTTGCACCCAACTCATTATAGCATT  
GCAGCACTCTCGATGGAGTTGATGGCTGTGATTAAATAGTTGAGCAGTGCATGCCATTGGGAATGGAGAGTAAAGCAATA  
TCAGATGCACAGATTACTGCTTCATCTACTTACCAATATGTTGCCACCTGGTCTCCTTCAAAAGCTGACTTCACCT  
CCAAGGGAGGAGTAATGCCCTGGAGACCTCAGGTGAATAATCCAAAAGAGTGGCTGCAAGTGGACTTCAGAAGACAATGA  
AAAGTCACAGGAGTAACTACTCAGGGAGTAAAATCTGCTTACCAAGCATGTATGTAAGGAGTTCTCATCTCCAGCAGT  
CAAGATGGCCATCAGTGGACTCTCTTTTCAAGATGGCAAAGTAAAGTTTCAGGAAATCAAGACTCCTTCACACC  
TGTGGTGAACCTCTAGACCCACCGTTACTGACTCGCTACCTCGAATTCAACCCCAAGAGTTGGTGCACCAAGATTGCC  
TGAGGATGGAGGTCTGGCTCGAGGCACAGGACCTACTGACTCGAGAAATAAAAGATCAGAGCTCTAGAGATCTGTG  
TGTGGTTTTGTGTCGGCCCGCAGGAACCCCTAGTGATGGAGTTGCCACTCCCTCTCGCGCTCGCTCGCTCACT  
GAGGCCGGCGACCAAGGTGCCCGACGCCGGCTTGGCCGGCGCCTCAGTGAGCGAGCGAGCGCAGCTGCC  
GCAGGACATGTGAGCAAAGGCCAGCAAAGGCCAGGAACCGTAAAAGGCCGTTGCTGGCTTTCCATAGGCCT  
GCCCTGACGAGCATCACAAATCGACGCTCAAGTCAGAGGTGGCAGAACCCGACAGGACTATAAAAGATACCAGGCC  
TTTCCCCCTGGAAGCTCCCTCGTGCCTCTCCTGTTCCGACCCCTGCCGTTACCGGATACTGTCGCCCTTCTCCCTC  
GGGAAGCGTGGCGTTCTAGCTCACGCTGTAGGTATCTCAGTTGGTGTAGGTCGTTGCCCAAGCTGGCTGTG  
TGCACGAACCCCCCGTTCAGCCGACCGCTGCCCTATCCGTAACTATCGTCTTGAGTCAAGCTAACCCGGTAAGACACGAC  
TTATGCCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGATGTAGGCGGTGCTACAGAGTCTTGAAGTG  
GTGGCCTAACTACGGCTACACTAGAAGGACAGTATTGGTATCTCGCCTCTGCTGAAGCCAGTTACCTCGGAAAAGAG  
TTGGTAGCTTGTATCCGGCAAACAAACCACCGCTGGTAGCGGTGGTTTTGTGCAAGCAGCAGATTACGCGCAGA  
AAAAAAGGATCTCAAGAAGATCCTTGATCTTCTACGGGTCTGACGCTCAGTGGAAACGAAAACACGTTAAGGGAT

FIG. 5B

TTTGGTCATGAGATTATCAAAAGGATCTCACCTAGATCCTTAAATTAAAATGAAGTTAAATCAATCTAAAGTA  
TATATGAGTAAACTTGGTCTGACAGTACCAATGCTTAATCAGTGAGGCACCTATCTCAGCGATCTGTCTATTCGTTCA  
TCCATAGTTGCCCTGACTCCCCGTCGTAGATAACTACGATACGGGAGGGCTTACCATCTGGCCCCAGTGCTGCAATGAT  
ACCGCAGACCCACGCTCACCGGCTCCAGATTACAGCAATAAACCAAGGCCAGCCGGAAGGGCCGAGCGCAGAAGTGGTC  
CTGCAACTTATCCGCCTCCATCCAGTCTATTAAATTGTTGCCGGAAAGCTAGAGTAAGTAGTCGCCAGTTAATAGTTG  
CGCAACGTTGCTACAGGCATCGTGGTGTACGCTCGTGTGGTATGGCTTCAGCTCCGGTCCGATCGTGTCAAGAA  
ACGATCAAGGCAGTTACATGATCCCCATGTTGCAAAAAGCGGTAGCTCCTCGGTCCGATCGTGTCAAGAA  
GTAAGTTGCCGCAGTGTATCACTCATGGTTATGGCAGCACTGCATAATTCTTACTGTCATGCCATCGTAAGATGC  
TTTCTGTGACTGGTGAGTACTCAACCAAGTCATTCTGAGAATAGTGTATGCCGACCGAGTTGCTCTGCCGGCGTC  
AATACGGGATAATACCGGCCACATAGCAGAACTTAAAGTGTCTCATATTGAAACAGTCTTCGGGGCGAAAACCT  
CAAGGATCTTACCGCTGTTGAGATCCAGTTGATGTAACCCACTCGTCACCCAACTGATCTCAGCATCTTACTTC  
ACCAGCGTTCTGGGTGAGCAAAAACAGGAAGGAAAATGCCGAAAAAAGGGATAAGGGCAGACCGAAATGTTGAAT  
ACTCATACTCTCCTTTCAATATTGAAAGCATTATCAGGGTTATTGTCATGAGCGGATAACATATTGAATGTA  
TTTAGAAAATAACAAATAGGGTTCCGCGCACATTCCCCAAAAGTGTACCTGACGTCTAAGAAACATTATTATC  
ATGACATTAACCTATAAAATAGGCGTATCACGAGGCCCTTCGTCTCGCGTTCGGTGTACGGTAAAACCTCTG  
ACACATGCAGCTCCGGAGACGGTCACAGCTGTCTGTAAGCGGATGCCGGAGCAGACAAGCCGTCAAGGCCGCGTCAG  
CGGGTGTGGCGGGTGTGGGCTGGCTTAACTATGCGGATCAGAGCAGATTGTACTGAGAGTGCACCATAAAATTGTA  
AACGTTAATATTGTTAAAATTGCGTTAAATTGTTAAATCAGCTCATTTTAACCAATAGGCCGAAATCGGCAA  
AATCCCTATAAACTAAAGAATAGCCCAGATAGGGTGTGTTCCAGTTGAAACAAGAGTCCACTATTAAAGA  
ACGTGGACTCCAACGTCAAAGGGCAAAACCGTCTATCAGGGCAGGCCACTACGTGAACCATCACCAAATCAAGT  
TTTTGGGGTGCAGGTGCGTAAAGCACTAAATCGAACCTAAAGGAGCCCCGATTAGAGCTGACGGGAAAGCC  
GGCGAACGTGGCGAGAAAGGAAGGAAAGGAAAGCGAAAGGAGCGGGCGTAGGGCGTGGCAAGTGTAGCGGTACGCTGC  
GCGTAACCACACCCGCCGCGCTTAATGCGCCGCTACAGGGCGCGTACTATGGTTGCTTGACGTATGCGGTGTAAA  
TACCGCACAGATGCGTAAGGAGAAATACCGCATCAGGCCGTAACCTGCGATCACCGAAAGGACCCGTAAGTGTAA  
ATGATTATCATCTACATATCACAACGTGCGTGGAGGCCATCAAACCACGTCAAATAATCAATTATGACGCAGGTATCGTA  
TTAATTGATCTGCATCAACTAACGTAACAAACTTCAGACAATACAAATCAGCGACACTGAATAACGGGCAACCTCAT  
GTCAACGAAGAACAGAACCGCAGAACACAACCGCAACATCGCTTCTTAACCAATGATTGAAACAATTACATCG  
CTCTGAGCAAAAGGGTCCGGAAATTCTCAGCCTGGTCATTGAAGCCTGCCGTGGAGACTAACGTCAAGAAAGAGA  
GCATATACATCAATTAAAGTGTGAAAGAATGAACATCCCGTTCTCCCTCCGAAACAGGACGATATTGTAATTCACT  
TAATTACGAGGGCATTGCGAGTAATTGAGTTGCGAGTTTACCACTTCTGACAGTGACAGACTGCGTGTGGCTCTGTCA  
CAGACTAAATAGTTGAATGATTAGCAGTTATGGTGTACGTCAACCACCGGGAAATAATCCTCATATTATTATCGTGC  
TTCACCAACGCTGCCCTAATTGCTCTGAATGCTCCAGAGACACCTATGTTCTATACATGCAATTACACATCGGTA  
ACTCATAGAAATGGTGCTATTAGCATATTTCACGAATCAGATCCACGGAGGGATCATCAGCAGATTGTTCTTAT  
TCATTTGTCGCTCCATGCGCTTGTCTCATCTAGCGTTAAAATATTACTTCAAATCTTCTGATGAAGATTGAGC  
ACGTTGGCCTTACATACATCTGCGTTGTATTCCCTCCAGATGCCAGCAGGACCGCACTTGTACGCAACCAATAC  
TATTAAGTGAACATTCCTAAATTGACATAATCATCAACAAACACAAGGAGGTCAAGACCAGATTGAAACGATAAA  
AACGATAATGCAAACACTACGCCCTCGTATCACATGGAAGGTTTACCAATGGCTCAGGTTGCCATTAAAGAAATAT  
TCGATCAAGTGCAGGAAAGATTAGACTGTGAATTGTTTATTCTGAACTAAACGTACAAACGTCTCACATTATATTAC  
TATCTAGCCACAGATAATATTACATCGTGTAGAAAACGATAACACCGTGTAAAAAAGGACTAAAAAGGTTGAA  
TGTAAATTCTCAAGAAACACGCATCTTATAGAAACGTCTATGATAGGTTGAAATCAAGAGAAATCACATTCA  
ACAGGGAAATCTGCTAAAGCAGGAGTTCCGATGGGTTACAAATCCATGAACATAAAAGATATTACTATACCTT

FIG. 5C

GATAATTCTACTATTACTGAGAGCATTAGAACACTACACAAATCTTCCACGCTAAATCATAACGTCCGGTTCTT  
CCGTGTCAGCACCAGGGCGTTGGCATAATGCAATACGTGTACGCGCTAAACCCGTGTCATCGTTAATTATTCCCG  
ACACTCCCGAGAGAAGTCCCCGTAGGGCTGTGGACATAGTTAATCCGGAATACAATGACGATTCATCGCACCTGAC  
ATACATTAATAAATATTAACAATATGAAATTCAACTCATTGTTAGGGTTGTTAATTTCACACATACGATTCTGC  
GAACCTCAAAAGCATCGGAATAACACCATGAAAAAAATGCTACTCGCTACTGCCCTGGCCTGCTTATTACAGGATGT  
GCTCAACAGACGTTACTGTCAAAACAAACCGGCAGCAGTAGCACCAAAGGAAACCATCACCACATCATTCTCGTTTC  
TGGAATTGGGCAGAAGAAAATGTCGATGCAGCAGGAAATTGTCGGCGCAGAAAATGTTGTTAAACAGAAACCCAGC  
AACACATTGCTAAATGGATTGCTCGTTTATTACTTAGGATTACTCCGCTGGAAGCGCGTGTATTGCTCACAA  
TAATTGCATGAGTTGCCATCGCATAATGGCAACTCTATGCACTGCTCATTAATATACTCTGGGTTCCCTCAGTT  
GTTTTGCATAGTGTACGCCCTCTGAGGGTGAATAATCCGTTAGCAGCGGTGTCTGCCAGTCGGGGGAGGCTGCA  
TTATCCACGCCGGAGGCCGTGGCTCACCGACTGACTGACAGACTGCTTGATGTGCAACCGACGACGACCAGCC  
AACATCATCACCGCAGAGCATTTCAGCTTACGCTTACGCTACGCTTACGCTGTGATTTGCATCGAGCCAGCAACAT  
CACCGCTGACGCATCTGCATGTCAGTAATTGCCGCTCGCAGCTCAGTTCTGGCATTTGTCGCGCTGGCTT  
TAGGTAATGGCGTTACCGTAATGATTAACAGCCCAGCAGGAGATGATGCAAGATAACCAGAGCGGAGATAAT  
CGCGGTGACTCTGCTCATACATCAATCTCTGACCGTTCCGCCGCTCTTGATTTGCAATCAGGCTGTAGCCT  
ATGCTGAACGTGACCATAACAGCGCCGGCAGTGAAGCCAGATATTGTCGCAACGGTCATTGCTGACGGATATCAC  
CACCGATCAATCATAGGTAAGCGCCACGCTCTTAATCTGCTGCAATGCCACAGCGCTCTGACTTTGGAGAGAAGTCT  
TTCAGGCCAAGCTGCTGGTAGGCATCCCACCAACGGAAAGAAGCTGGTAGCGTCCGGCCGCTGTGATTGAGTT  
TGGGTTAGCGTGACAAGTTGCGAGGGTGTGGAGTAATCAGTAATAGCTCCGCTACAATGACGTCAACCAT  
GATTCTGGTTTCTGACGTCCGTTACGTTCCCTCCGACCACGCCAGCATATCGAGGAACCCCTACGTTGATTATTG  
ATTCTACCATCTCTACTCCGGTTTTAGCAGCGAAGCGTTGATAAGCGAACCAATCGAGTCAGTACCGATGTAGC  
CGATAAACACGCTCGTTATATAAGCGAGATTGCTACTTAGTCCGGCGAAGTCGAGAAGGTACGAATGAACCAGGCATA  
ATGGCGCACATCGTTGCGTGTGATTACTGTTTGATAACGCCATTATATCGCCGCAAGGTACGCCATTGCAA  
CGCAAGGATTGCCCGATGCCCTGCTTGCAGGAGAATGGCGCCAACAGGTCAATGTTTCTGGCATCTTCATGT  
CTTACCCCAATAAGGGATTGCTCTATTAAATTAGGAATAAGGTGATTACTGATAGAACAAATCCAGGCTACTGTG  
TTAGTAATCAGATTGTCGTGACCGATATGCACGGCAAAACGGCAGGAGGTTGTTAGCGCACCTCCTGCCACCGCT  
TTCACGAAGGTATGTAAAAGGCCAGCGTAACTATTACTAATGAAATTCAAGGACAGACAGTGGCTACGGCTAGTT  
GGGTGCTGTTGCTGGCGCGATGACGCCCTGTCAGCATTGGTAGCCGTTCTGCTCCGGTATTGCTTAATTCA  
GCACAACGGAAAGAGCACTGGCTAACCGAGGCTGCCACTTCACGATTATCGACTCAATGCTTACCTGTTGCGAG  
ATATAAAAATCCGAAACCGTTATGCAGGCTCTAACTATTACCTGCGAATGTTGCGGATTGCAATTGAGACCTCT  
CTGCCCTGCGATGGTTGGAGTTCCAGACGATACGTCGAAGTGACCAACTAGGCGGAATCGTAGTAAGCGCCCTTT  
CATCTCACTACCAACGAGCGAATTAAACCATCGTTGAGTCAAATTACCAATTATTCAATAAGTCATATCATGC  
CGTTAATATGTTGCCATCCGTGGCAATCATGCTGCTAACGTGTGACCGCATTCAAAATGTTGCTGCGATTGACTCT  
TTGTGGCATTGCACCAACCAGAGCGTCATACAGCGGCTTAACAGTGCAGGACAGGTTGGGTTGGTAAGGTTGGGATTAG  
CATCGTCACAGCGCAGATGCTGCGCTTGGCATCTTGAATAGCCGACGCCCTTGCATCTCCGACTCTTCTCGA  
CAACTCTCCCCACAGCTCTGTTGGCAATATCAACCGCACGCCGTACCATGGCAATCTGCACTCTGCCCGG  
GTCGCGGCACTACGGCAATAATCCGATAAGCGAATGTTGCGAGCACTGAGTACCTTGCTTAGTATTCCCTCAAG  
CTGCCCTGCGAG

FIG. 5D

FIG. 6A

FIG. 6B

FIG. 6C

## FIG. 6

CGCCCCTGCAGGCAGCTGCGCGCTCGCTCGCTCACTGAGGCCGCCGGGCAA  
AGCCCCGGCGTGGCGACCTTGGTCGCCCGGCCTCAGTGAGCGAGCGAGC  
GCGCAGAGAGGGAGTGGCCAACCTCCATCACTAGGGGTTCTGCGGCCGCACG  
CGTGGTGGCGCGGGTAAACTGGAAAGTGATGTCGTGTACTGGCTCCGCCT  
TTTCCCGAGGGTGGGGAGAACCGTATATAAGTGCAGTAGTCGCCGTGAAC  
GTTCTTTTCGCAACGGTTGCCGCCCGCGCAGGTAAGTGCCAGGAAAT  
GTTGTTCTTAAATACCATCGCTCCAGGAAATGTTGTTCTTAAATACCATC  
TACTGACACTGACATCCACTTTCTTTCTCCACAGGTATCGATCCACCA  
TGCAAATAGAGCTCTCCACCTGCTTCTGTGCCTTGTGCGATTCTGCTT  
TAGTGCCACCAGAAGATACTACCTGGGTGCAGTGGAACTGTATGGGACTAT  
ATGCAAAGTGTATCTGGTGAGCTGCCTGTGGACGCAAGATTCCCTCTAGAG  
TGCCAAAATCTTCCATTCAACACCTCAGTCGTGTACAAAAAGACTCTGTT  
TGTAGAATTACGGATCACCTTCAACATCGCTAAGCCAAGGCCACCCCTGG  
ATGGGTCTGCTAGGTCTACCATCCAGGCTGAGGTTATGATACTGGTCA  
TTACACTTAAGAACATGGCTCCATTCTGTCACTGCTTGTGCTGGTGT  
ATCCTACTGGAAAGCTCTGAGGGAGCTGAATATGATGATCAGACCAGTCAA  
AGGGAGAAAGAAGATGATAAAAGTCTCCCTGGTGGAAAGCCATACATATGTCT  
GGCAGGTCTGAAAGAGAATGGTCAAATGCCCTGTGACCCACTGTGCCTTAC  
CTACTCATATCTTCTCATGTGGACCTGGTAAAAGACTTGAATTCAAGGCCTC  
ATTGGAGCCCTACTAGTATGTAGAGAAGGGAGTCTGGCCAAGGAAAAGACAC  
AGACCTTGACAAATTATACTACTTTGCTGTATTGATGAAGGGAAAAG  
TTGGCACTCAGAAACAAAGAACTCCTGATGCAGGATAGGGATGCTGCATCT  
GCTCGGGCCTGGCCTAAATGCACACAGTCAATGGTTATGTAAACAGGTCTC  
TGCCAGGTCTGATTGGATGCCACAGGAAATCAGTCTATTGGCATGTGATTGG  
AATGGGCACCACTCCTGAAGTGCACTCAATATTCTCGAAGGTACACACATT  
CTTGTGAGGAACCATGCCAGGCGTCTGGAAATCTGCCAATAACTTCC  
TTACTGCTAAACACTCTTGATGGACCTGGACAGTTCTACTGTTTGTCA  
TATCTCTCCCACCAACATGATGGCATGGAAGCTTATGTCAAAGTAGACAGC  
TGTCCAGAGGAACCCCAACTACGAATGAAAATAATGAAGAAGCGGAAGACT  
ATGATGATGATCTTACTGATTCTGAAATGGATGTGGTCAGGTTGATGATGA  
CAACTCTCCTCCTTATCCAAATTGCTCAGTTGCCAAGAAGCATCCTAAA

## FIG. 6A

ACTTGGGTACATTACATTGCTGCTGAAGAGGAGGACTGGGACTATGCTCCCT  
TAGTCCTCGCCCCGATGACAGAAGTTATAAAAGTCAATATTGAACAATGG  
CCCTCAGCGGATTGGTAGGAAGTACAAAAAAGTCCGATTTATGGCATAACACA  
GATGAAACCTTAAGACTCGTGAAGCTATTCAAGCATGAATCAGGAATCTTGG  
GACCTTACTTTATGGGAAGTTGGAGACACACTGTTGATTATTTAAGAA  
TCAAGCAAGCAGACCATAAACATCTACCCACCGAATCACTGATGTCCGT  
CCTTGTATTCAAGGAGATTACCAAAAGGTGTAAAACATTGAAGGATTTTC  
CAATTCTGCCAGGAGAAATATTCAAATATAATGGACAGTGAUTGTAGAAGA  
TGGGCCAACTAAATCAGATCCTCGGTGCCTGACCCGCTATTACTCTAGTTTC  
GTTAATATGGAGAGAGATCTAGCTTCAGGACTCATTGGCCCTCCTCATCT  
GCTACAAAGAACATCTGTAGATCAAAGAGGAAACCAGATAATGTCAGACAAGAG  
GAATGTCATCCTGTTCTGTATTGATGAGAACCGAAGCTGGTACCTCACA  
GAGAATATAACACGCTTCTCCCCAATCCAGCTGGAGTGCAGCTTGAGGATC  
CAGAGTTCCAAGCCTCAACATCATGCACAGCATCAATGGCTATGTTTGA  
TAGTTGCAGTTGTCAGTTGTCATGAGGTGGCATACTGGTACATTCTA  
AGCATTGGAGCACAGACTGACTTCCTTCTGTCTTCTCTGGATATACT  
TCAAACACAAATGGTCTATGAAGACACACTCACCCATTCCCATTCTCAGG  
AGAAACTGTCTTCATGTCATGGAAAACCCAGGTCTATGGATTCTGGGTGC  
CACAACTCAGACTTCGGAACAGAGGCATGACCGCCTACTGAAGGTTCTA  
GTTGTGACAAGAACACTGGTGATTATTACGAGGACAGTTATGAAGATATTCT  
AGCATACTTGCTGAGTAAAACAATGCCATTGAACCAAGAACGCTTCTCCCAG  
AATCCACCAGTCTGAAACGCCATCAACCGAAATAACTCGTACTACTCTTC  
AGTCAGATCAAGAGGAAATTGACTATGATGATAACCATATCAGTTGAAATGAA  
GAAGGAAGATTTGACATTATGATGAGGATGAAAATCAGAGCCCCGCAGC  
TTCAAAAGAAAACACGACACTATTTATTGCTGCAGTGGAGAGGCTCTGGG  
ATTATGGGATGAGTAGCTCCCCACATGTTCTAAGAAACAGGGCTCAGAGTGG  
CAGTGTCCCTCAGTTCAAGAAAGTTGTTCCAGGAATTTACTGATGGCTCC  
TTTACTCAGCCCTTATACCGTGGAGAAACTAAATGAACATTGGGACTCCTGG  
GCCATATATAAGAGCAGAAGTTGAAGATAATATCATGGTAACCTTCAGAAA  
TCAGGCCTCTCGTCCCTATTCTTCTATTCTAGCCTTATTCTTATGAGGAA  
GATCAGAGGCAAGGAGCAGAACCTAGAAAAACTTGTCAAGCCTAATGAAA  
CCAAAACTTACTTTGGAAAGTCAACATCATATGGCACCCACTAAAGATGA  
GTTTGACTGCAAAGCCTGGCTTATTCTCTGATGTTGACCTGGAAAAAGAT  
GTGCACTCAGGCCTGATTGGACCCCTCTGGTCTGCCACACTAACACACTGA  
ACCCTGCTCATGGGAGACAAGTGACAGTACAGGAATTGCTCTGTTTAC  
CATCTTGATGAGACCAAAAGCTGGTACTTCACTGAAAATATGGAAAGAAC  
TGCAGGGCTCCCTGCAATATCCAGATGGAAGATCCACTTTAAAGAGAATT  
ATCGCTTCCATGCAATCAATGGCTACATAATGGATACACTACCTGGCTTAGT  
AATGGCTCAGGATCAAAGGATTGATGGTATCTGCTCAGCATGGCAGCAAT

FIG. 6B

GAAAACATCCATTCTATTCAATTCACTGGACATGTGTTCACTGTACGAAAAA  
AAGAGGAGTATAAAATGGCACTGTACAATCTATCCAGGTGTTTGAGAC  
AGTGGAAATGTTACCATCCAAAGCTGGAATTGGCGGGTGGAAATGCCTTATT  
GGCGAGCATCTACATGCTGGGATGAGCACACTTTCTGGTGTACAGCAATA  
AGTGTCAAGACTCCCCCTGGGAATGGCTTCTGGACACACATTAGAGATTTCA  
GAT TACAGCTTCAGGACAATATGGACAGTGGGCCAAAGCTGGCCAGACTTC  
CAT TATTCCGGATCAATCAATGCCTGGAGCACCAAGGAGCCCTTCTGGATCA  
AGGTGGATCTGTTGGCACCAATGATTATTACACGGCATCAAGACCCAGGGTGC  
CCGTCAGAAGTTCTCCAGCCTCTACATCTCAGTTATCATCATGTATAGT  
CTTGATGGGAAGAAGTGGCAGACTTATCGAGGAAATTCCACTGGAACCTTAA  
TGGTCTTCTTGCAATGTGGATTCATCTGGATAAAACACAATATTTTAA  
CCCTCCAATTATTGCTCGATAACATCCGTTGCACCCAACCTCATTATAGCATT  
CGCAGCACTCTCGCATGGAGTTGATGGCTGTGATTAAATAGTTGCAGCA  
TGCCATTGGGAATGGAGAGTAAAGCAATATCAGATGCACAGATTACTGCTTC  
ATCCTACTTTACCAATATGTTGCCACCTGGTCTCCTTCAAAAGCTCGACTT  
CACCTCCAAGGGAGGAGTAATGCCTGGAGACCTCAGGTGAATAATCCAAAAG  
AGTGGCTGCAAGTGGACTTCCAGAAGACAATGAAAGTCACAGGAGTAAC  
TAC TCAGGGAGTAAATCTCTGCTTACCAAGCATGTATGTGAAGGAGTTCC  
TCCAGCAGTCAAGATGGCCATCAGTGGACTCTTTTCAAAAGCTCGACTT  
TAAAGGTTTCAGGGAAATCAAGACTCCTCACACCTGTGGTGAAC  
TCT AGACCCACCCTTACTGACTCGCTACCTCGAATTCAACCCCCAGAGTTGGGTG  
CACCAGATTGCCCTGAGGATGGAGGTTCTGGCTGCGAGGCACAGGACCTCT  
ACTGACTCGAGCCTAATAAAGGAAATTATTTCATTGCAATAGTGTGTTGG  
TTTTTGTGTGCGGCCGCAGGAACCCCTAGTGATGGAGTTGCCACTCC  
TCTGCGCGCTCGCTCGCTCACTGAGGCCGGCGACCAAGGTGCCCCGACGC  
CCGGGCTTGGCCGGCGGCCTCAGTGAGCGAGCGAGCGCAGCTGCCTGC  
AGGACAT

FIG. 6C

hGH  
PA  
ITR

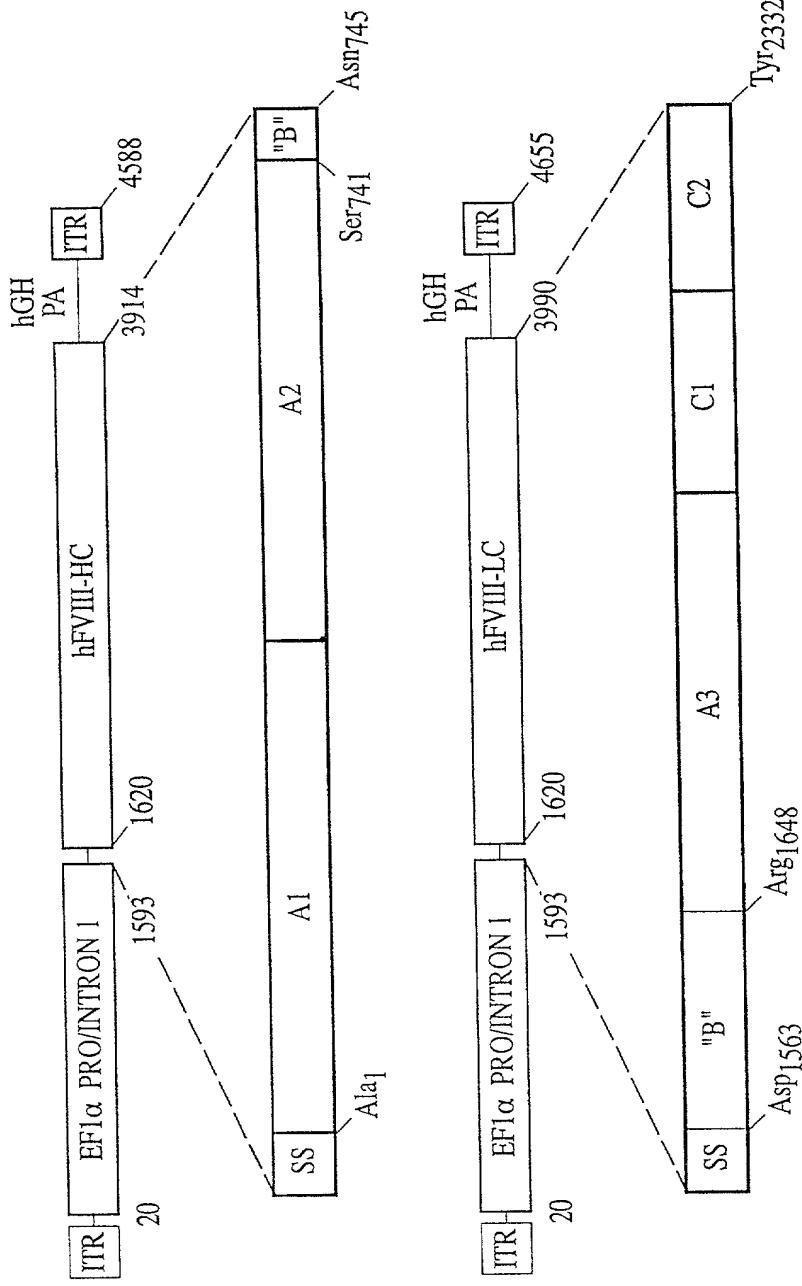


FIG. 7

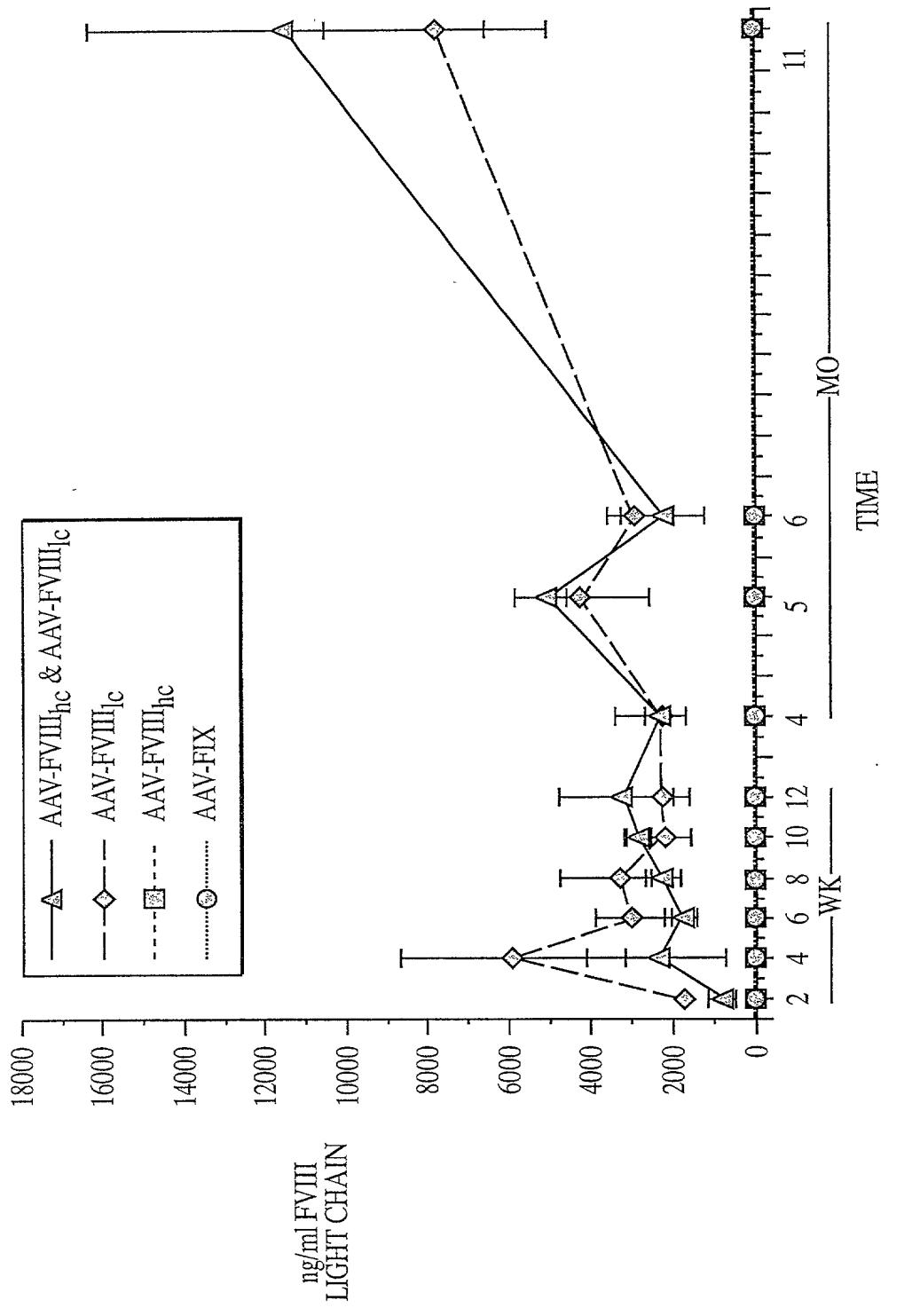


FIG. 8

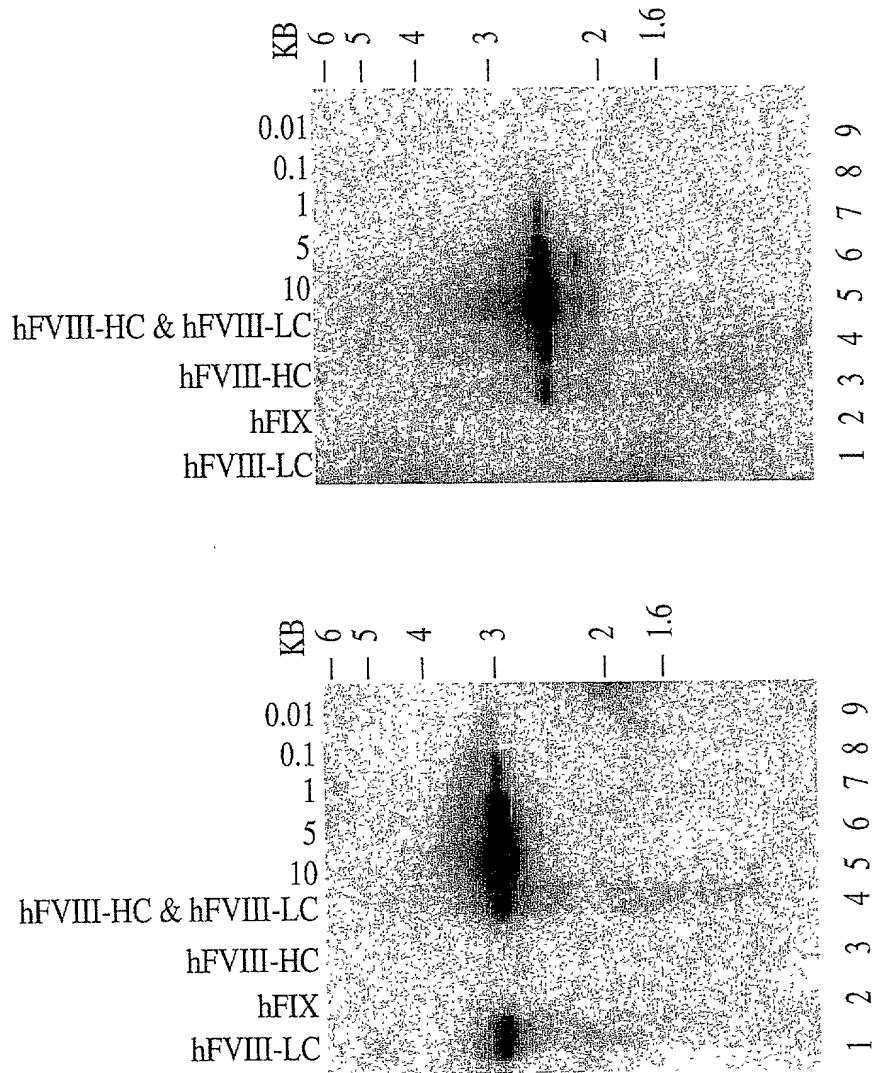


FIG. 9B

FIG. 9A

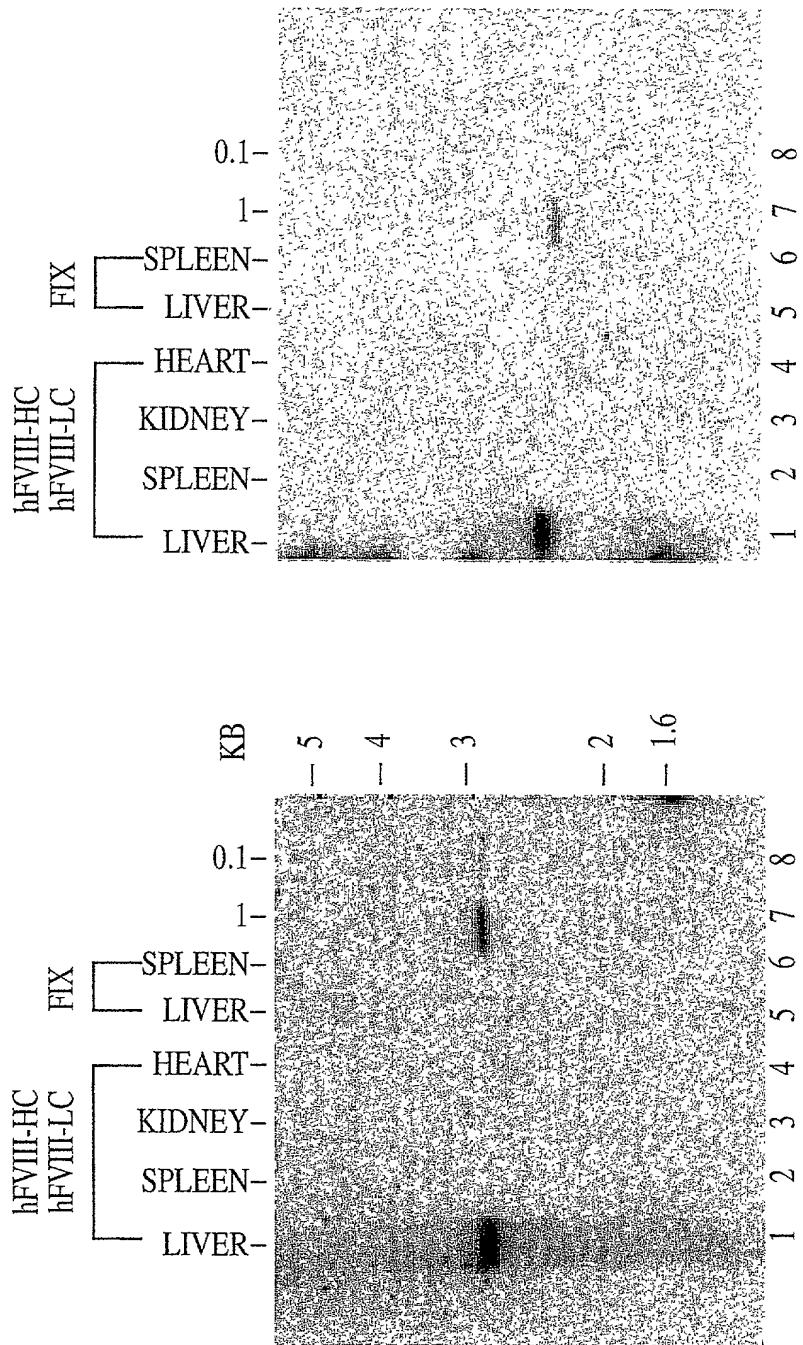


FIG. 10A

FIG. 10B

